

Determining an End-point of the Cleanup

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The Challenge before the Cleanup

Pre-Cleanup
Activities

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graph TD; A[Pre-Cleanup Activities] --- B[Safe Access]; A --- C[Equipment Selection]; A --- D[Visual ID of the Impacted Area];
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Safe Access

Equipment
Selection

Visual ID of the
Impacted Area

Danger Interstate

- Danger Interstate
- Hard to Reach
- Possible Access
- Cooperative Response from the FDOT



Hard to Reach- 60' drop

- Danger Interstate
- Hard to Reach
- Possible Access
- Cooperative Response from the FDOT



Possible Access Here

- Danger Interstate
- Hard to Reach
- Possible Access
- Cooperative Response from the FDOT



Cooperative Response from FDOT

- Danger Interstate
- Hard to Reach
- Possible Access
- Cooperative Response from the FDOT



Versatile Equipment

- Mini Excavator
- Skid-Steer Loader



Identifying the Impacted Area

- Using Visual Means



Approved Detection Equipment

OVA (Organic Vapor Analyzer)



Determining an End-Point "How Clean is Clean"

- 62-770 (< 10ppm)
- > 100 gallon fuel (Confirmation)

